

ABSTRACT OF THE DISCLOSURE

A method of distributing and executing service logic across private and public networks for the generation and provision of telecommunication services is disclosed. The functionality and capabilities associated with both Intelligent Network (IN) and non-IN compliant elements of a public telecommunications system are abstracted using a set of control and informational parameters and variables which are associated with a given network element or network element category. A service creation and execution application programming interface provides access to a service creation and execution environment which is distributed in public network gateways, private network gateways, and in compatible software platforms. The distributed service creation and execution environment enable the generation, provisioning, and execution of applications across private and public telecommunication networks in order to provide novel telecommunication services via the serial or concurrent invocation of one or more distributed applications.